GEMBIRD®

CAM44U          CAM55U          CAM66U

CAM67U          CAM68UT          CAM69U

CAM81U          CAM90U

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## Introduction

Thank you for choosing our new generation of Web cameras! These devices are Plug and Play products for the real-time video transmission to PC via the USB port.
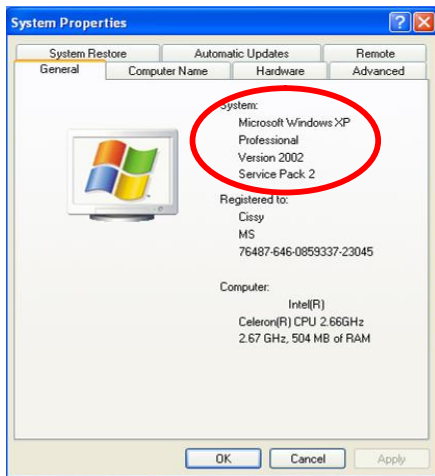
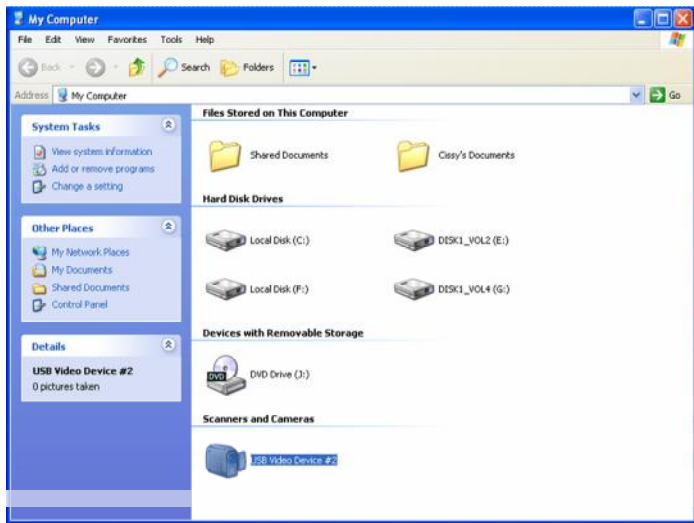|  | Default resolution, Mpixels | Maximal video resolution, pixels x FPS | Maximal interpolated resolution, Mpixels | Back light LEDs | Micro-phone | Snap-shot button |
|---|---|---|---|---|---|---|
| CAM44U | 0.35 | 640 x 480 x 30 fps | 1.3 | + | + | - |
| CAM55U | 0.35 | 640 x 480 x 30 fps | 1.3 | + | - | - |
| CAM66U | 0.48 | 640 x 480 x 30 fps | 2.0 | + | + | - |
| CAM67U | 0.48 | 640 x 480 x 30 fps | 2.0 | - | + | + |
| CAM68UT | 0.48 | 640 x 480 x 30 fps | 1.3 | - | + | - |
| CAM69U | 0.35 | 640 x 480 x 30 fps | 2.0 | - | + | + |
| CAM81U | 1.3 | 1280 x 1024 x 15 fps | 5.0 | + | + | + |
| CAM90U | 1.3 | 1280 x 1024 x 15 fps | 5.0 | + | + | + |

### OTHER SPECIFICATIONS

- CMOS color sensor: 24-bit true color
- Noise-signal ration: greater than 48 dB (30 fps at 220 lux)
- Dynamic range: greater than 72 dB
- Optional flicker: 50 or 60 Hz
- Manual focus: 5 cm to infinity
- Built-in image compression
- Automatic brightness adjustment
- Automatic color compensation
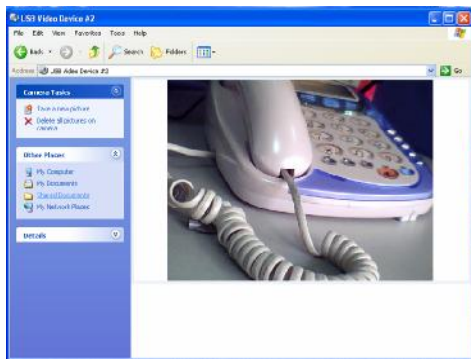- Interface: High-speed USB v.2.0

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**Camera installation and operation (driver-free models)**

1. If your computer runs under Windows XP with Service Pack 2 installed (it can be checked by the right mouse click over **My Computer** – select **Properties** from the popup menu), Vista or newer version – just plug the camera into a free USB port and you can already use it.

Double click on the "**USB Video Device #***" available from the **My Computer** window, then you can preview the video capture and take photos.



2. If you would like to adjust the default picture settings and resolution – then install the driver and AMCAP capturing software from the enclosed CD. To do that simply insert the CD into your DVD/CD drive, wait for the setup to be started and follow the on-screen instructions.
3. Adjust the focus of the camera and sharpness of the images by slowly rotating the lens. Be careful not to unscrew it completely.

Manually rotate the lens
to adjust the camera focus

4. You will also be invited to install eMic Communicator – this software would allow you to create voice messages by the click of one button. More information on www.emic4all.com.

## Precautions

1. Do not touch the lens with your hand or any sharp items. Use only clean and soft tissues to clean it.
2. Do not use the device in hot, cold, dusty or humid environments.
3. Keep the camera on a steady surface. A fall may cause damages to the lens, product itself or malfunction of the electronic circuit inside.